acf
nyu

Academic Computing Facility
Courant Institute of Mathematical Sciences
New York University
251 Mercer Street
New York, New York 10012
(212) 460-7427

ACF/NYU NEWSLETTER

VOLUME II, NUMBER 3 MAY 1982

CONTENTS

Update of ACF Systems, Software, Documentation
CYBER.....page 1
IBM.....page 3
VAX.....page 3
All Systems: The MICOM Portselector.....page 4
User Services Update
Tutorial sessions.....page 5
Talks, Seminars, Short Courses.....page 5
Additional Notes.....page 6
Ethics of Computer Use.....page 7
Some Ways to Protect Your Files and Accounts.....page 8
TSS is Installed on the CYBER.....page 10
Account Renewal for 1982-83.....page 11
Summary of ACF System Access.....page 12
Information and Directory.....page 13

* * *

UPDATE: ACF SYSTEMS, SOFTWARE, DOCUMENTATION

For CDC CYBER Users

System update. The addition of TSS (a subsystem for the automatic archiving of direct access files) was the only major change to the CYBER operating system since the last issue of the Newsletter. TSS enables more efficient use of the CYBER's disk space, while requiring virtually no change in your routine interactions with the CYBER. It gives disk space to the most active direct access permanent files, and stores the less active ones on tape. (Direct access files are those which you access by means of the "ATTACH" command.) TSS reviews the activity of all direct access files several times a day and changes the files' residence accordingly.

To retrieve a direct access file which TSS has archived on tape, you simply enter the customary "ATTACH" command; if the file has been archived by TSS, there may be a slight delay while the tape on which it has been stored by TSS is queued up or mounted. Typing "CATLIST" will have a list of all your permanent files (direct and indirect access) displayed on your screen. To determine whether a direct access file resides on disk or has been moved to tape by TSS, type "CATLIST(LO=F,TY=D)" and examine the entries in the column labeled "RS": "D" indicates that a file resides on disk, "A" that it has been archived to tape, and "B" that, at that particular time, it is on both disk and tape.

For more about TSS, see the article in this issue of the Newsletter (page 10).

Software additions and changes. Since the last issue of the Newsletter, the database management system SIR was updated, and a SIR editor and two new curve-fitting programs were installed. Changes anticipated for June include the installation of MULTISCALE and an update of NCAR.

The default version of SIR (Scientific Information Retrieval) was updated to 1.1N. Databases constructed under SIR 1 will have to be converted to a form compatible with SIR 2. SIR 1.1N offers a TRANSPORT FILE utility which will help perform the conversion. A guide to converting from SIR/DBMS Version 1.1 to SIR/DBMS Version 2 is available from SIR, Inc., P.O. Box 1404, Evanston, Il. 60204 (phone: 312-475-2314). Ed Friedman (460-7293) also has a few copies for distribution.

Version 2.1 of SIR is now also available on the CYBER. To use it, type "OBTAIN(SIR2)", followed by the control statement, "SIR." . New features offered by the SIR/DBMS Version 2 Retrieval System include nesting, networking, and structured programming constructs. In addition, some commands used with earlier versions of SIR will no longer be acceptable to SIR 2. SIR EDIT has also been installed on the CYBER and can be used by typing "OBTAIN(SIREDIT)" then "SIR." . Contact Ed Friedman (460-7293) if there are any problems with SIR 2.1. Both versions 1 and 2 of SIR will remain available to CYBER users until well into the 1982/1983 academic year.

Two least squares curve-fitting programs from Northwestern University have been installed on the CYBER. Contact Ed Friedman, at 460-7293, for more information about LINWOOD and NLWOOD (respectively, linear and nonlinear curve-fitting).

Two additional packages are expected to be available to CYBER users by mid-June. MULTISCALE, from National Educational Resources in Chicago, consists of four programs for multidimensional scaling by the method of maximum likelihood. An updated version of NCAR, the graphics package from the National Center for Atmospheric Research, will offer greater efficiency and some bug fixes.

New and updated CYBER documentation. Minor corrections, additions, or changes were made to the following ACF writeups for CYBER users: "QIAF", "QMICOM", "ACFINTR", "CONSULT", "SOFTWR", AND "STATPKG".

Two new writeups should be issued by the end of June. "QOMNI" and "QMLSCAL" will be introductory guides to the use, respectively, of OMNITAB and MULTISCALE on the CYBER. OMNITAB is a package of mathematical and statistical routines for application in the physical and social sciences; it employs structures and syntax similar to those of MINITAB. MULTISCALE was described briefly in the

preceding section. Over the summer months, several new writeups and some updates of ACF documentation for CYBER users will be issued. Check the on-line CYBER News for announcements of new publications and revisions.

Instructions for obtaining copies of ACF writeups and of CYBER News are given in the Newsletter's "Information and Directory" and at the end of each writeup.

For IBM Users

System update. Some slight modifications were made to the WYLBUR system. The AND function now works, and users of WYLBUR on ASCII terminals can now input and output the tilde (to which the back-slash has just been made equivalent) and the line-feed. A more detailed description of these changes can be found in April's IBM News: type "help ibmnews parm apr82".

Software additions and updates. Software updates on the ACF IBM system affected PASCAL, IMSL, and BMDP. The programming language PASCAL is now available in Batch -- but not in Batch-monitor -- mode. For a printed copy of a short writeup, WYLBUR users should type "use wyl.pb.pub.memos(pascal)", then "list off unn cc dest=r2". The consultants in Room LC-11 Tisch Hall have a small supply for PASCAL users without WYLBUR accounts.

IMSL (International Mathematical and Statistical Library) was upgraded from version 8.0 to 8.1. While corrections were minor, they extended the adequacy of certain routines and may affect the results of a few subroutines. Check the appendix of the IMSL manual in Room LC-11 Tisch Hall for changes made to specific routines.

The 1981 version of Biomedical Computer Programs P-Series (BMDP) has been installed. BMDP-81 adds six new programs: Multiway Frequency Table Analyses (P4F), Cox Models for Survival Analyses (P2L), Spectral Analyses (P1T), Interactive Box-Jenkins Analyses (P2T), Univariate and Multivariate Analyses of Variance and Covariance (P4V), Boolean Factor Analyses (P8M), and Linear Scores from Preference Pairs (P9M). Other changes include three ways of reading free-form data; character-handling capability in the transformation statements; and the creation of a "news" option for the "print" paragraph: this will cause the printing of information about changes in particular programs. For a printed copy of a writeup giving further details, WYLBUR users should type "use wyl.pb.pub.manual.bmdp81" and then "list off unn cc dest=r2". Batch users should insert the card "// exec manuals,name=bmdp81" after a job card.

On-line ACF documentation for IBM users. Writeups describing the PASCAL compiler and BMDP-81 are newly available. Instructions for obtaining printed copies are included in the section preceding this one.

For ACF VAX Users

System update. The update of VAX/VMS to version 2.5 had few noteworthy effects for most users. The VMS command definition for TOTAPE, however, was modified. For a brief description of this and other changes due to version 2.5, enter "type sys$help:vms2.5".

Software updates. On the ACF VAX system, updated software included the FORTRAN and PLI compilers, and EUNICE, SETL and NCAR.

A DEC maintenance release of the FORTRAN compiler was installed. See SYS$HELP:FORTRAN2.5 for details. For a printed copy, type "print sys$help:fortran2.5". PLIG 1.3, a DEC-supported version of PLI, has replaced the field-test version previously available on the VAX. A list of corrections to the DEC PLI manuals is on-line: type "help pli errata".

EUNICE Version 2.0 was installed on the ACF VAX. EUNICE is a software package which allows UNIX programs to run under VMS. Users can operate in any UNIX shell (sh and csh are provided with the EUNICE Version 2.0 distribution) or in a VMS environment with the capability of using tools available under UNIX. Such tools include Franz Lisp and the editors vi and emacs. The file ETC:UNIXSETUP.COM defines several of the more useful programs, including vi, emacs, and csh. Please direct all questions and problems, via VAX Mail, to SALKIND.

The production version of SETL was upgraded to version 24. The principle distinction between versions 23 and 24 is that MACROs ending with ENDM must not have spurious trailing semicolons. This is illegal but was not caught in earlier versions. Other changes are described in the user manual, NYU$SETL:USER.DOC.

A new version of the National Center for Atmospheric Research (NCAR) Graphics Package includes an interactive metacode translator. For more information, type "help graphics ncar". The previous version of the NCAR package was removed at the end of March.

On-line documentation. From about mid-June, on-line help will be available to VAX users as either HELP or AID. Typing "help" will access files supplied primarily by DEC. These give the format of commands and their arguments, and similar assistance. Typing "aid" will retrieve files provided by the ACF. AID files will tend to take a more tutorial approach. Initially, AID will contain information on the use of magnetic tapes. Topics will be added as time permits. AID's availability will be announced in the VAX BBOARD.

All Systems: MICOM Portselector Update

If you are dialing in from the 598 centrex, within the university, you can now use 4141 as an alternative to extension 7001. The two numbers support the same type of modem. However, 4141 will access the NYU computer systems only if it is dialed from a 598 number within the University: dialing 598-4141 from outside the University, or as an outside call, will result in a wrong number.

The Graduate School of Business Administration's DEC 2050 can now be accessed through the portselector.

* * *

UPDATE OF ACF USER SERVICES

Tutorial Sessions

CYBER tutorial sessions. The "walk-in" tutorials given during the first half of the fall and spring semesters will be repeated during the summer session for students and faculty who are new to the CYBER system. The first series of sessions will be an introduction to the CYBER time-sharing system, IAF; a second series of walk-in tutorials on the use of the CYBER text editor XEDIT will begin once the first series has ended.

Tutorials will take place at 14 Washington Place. They are scheduled tentatively for 11 a.m. and 4 p.m., Mondays, Wednesdays, and Fridays. They will begin the first week of summer session, and will continue for about two weeks into each semester, depending upon demand.

CYBER tutorial sessions by special arrangement. Instructors are invited to contact Frank LoPresti (460-7176) to arrange tutorial sessions for their classes on the CYBER or VAX. Introductory use of the system or of text editors will be taught to small groups of students and faculty, by arrangement.

IBM WIDJETS tutorials: "Walk-in" and specially arranged sessions. There will be walk-in tutorials in the WIDJET system during the summer. Check the ACF bulletin boards and the on-line IBM News for announcements of the schedule.

Instructors can also arrange WIDJETS tutorials for their classes. Contact Frank LoPresti (460-7176), if interested.

Talks, Seminars, and Short Courses

ACF talks and seminars. The final ACF talk of the spring semester will be a follow-up of the April 13 talk on the U.S. Census Bureau tape files, and will take place on Tuesday, May 11, at 1:00 p.m., in Room 613 Warren Weaver Hall. Professor Willard Hansen, of G.P.A.'s Public Data Laboratory, and Frank LoPresti of the ACF will describe their procedures for accessing the 1980 Census Summary Tape File 1A for New York State. ACF consultants George Sharrard and Bert Holland will also talk on additional aspects of Census data use on the ACF systems. Sample printouts of some initial analyses will be distributed.

Brief presentations by other users who have processed machine-readable public data files on an ACF system may also be scheduled in the May 11 meeting. Discussion will include further plans for the "CensNYU Project": this is a central library, to be stored on the CYBER, of Census data and software specific to the Census data base.

No ACF Talks or Seminars have been planned for the summer sessions, but there will be a series in the fall. Check the on-line news bulletins, the bulletin boards at the ACF sites, and the next issue of the Newsletter for further information.

SPSS talk. An introduction to SPSS, open to all, will be given on Friday, June 11. Further details are in the section following this one.

Intensive FORTRAN programming course. A five-day intensive course in FORTRAN programming is being offered to faculty, research staff, and graduate students. The free, non-credit course will be given June 7 - 11, from 9 a.m. to 1 p.m. -- except on Thursday, June 10, when the hours will be from 1 - 5 p.m.

The course is not intended to train professional programmers. No previous knowledge of computers or computer languages will be assumed, and no examinations will be given. The material covered will be basic for both mathematical and non-mathematical applications. The only prerequisites are New York University affiliation and a facility with high school algebra. Application forms and a more detailed description are available in the lobby of Warren Weaver Hall.

At about 11:15 a.m. on Friday June 11, an introduction to SPSS (Statistical Package for the Social Sciences) will be given in Room 703 Main Building. This talk is open to all who are interested. It is not necessary to complete an application in order to attend the SPSS section of the course.

Additional Notes on User Services and Documentation

Reference copies of CDC CYBER manuals at Manhattanville. A reference rack of CDC manuals has been ordered for ACF CYBER users who log in from the Manhattanville remote site in Purchase, New York. The manuals should be available to users by early June.

ACF writeups for classroom instruction. The ACF will print multiple copies of ACF writeups, upon request, for instructors who wish to distribute them to their classes. Forms and instructions are being distributed to all departments associated with class accounts on the CYBER. Blank forms for requesting multiple copies of writeups can be obtained in Rooms LC-11 Tisch Hall and 306 Warren Weaver Hall. About a week should be allowed from the time that the request is submitted. For help in selecting a set of CYBER writeups for class instruction, contact Estelle Hochberg (460-7397) or Frank LoPresti (460-7176). The ACF consultants in Room LC-11 Tisch Hall will help instructors choose ACF writeups for classes using the IBM systems; call Bert Holland (598-7851).

Help in selecting manuals as texts. The ACF staff will help instructors decide which CDC, DEC, and IBM manuals, if any, they should have the N.Y.U. Bookstore stock specifically for their classes. The Bookstore will start to assemble preorders for the Fall semester around mid-May. Instructors who wish help in selecting manuals for their classes should contact the following ACF staff members to schedule appointments: Frank LoPresti (460-7176), for classes on the CYBER; John Hailu (598-7851), for the IBM; Stephen Tihor (460-7396), for the VAX.

* * *

ETHICS OF COMPUTER USE

Recently, reports that computer abuses are occurring in universities across the country have appeared in newspapers and on television, along with discussions of a need for explicit and stringent regulation of the use of computers in academic settings. Implicit rules of behavior may have been adequate when university computing communities were comparatively small. Academic computation has become so widespread in the past few years, however, that perhaps a direct statement of the "do's" and "don'ts" of computer use is needed.

At N.Y.U., to date, misuse of the ACF's computer resources has been associated with student holders of Class Accounts more frequently than with Individual Account holders. It is possible that some students, relative newcomers to computing, do not realize the seriousness of their actions. The ACF requests that instructors delineate for their students the bounds of acceptable behavior.

Some "Don'ts" for Users of the ACF Systems

Destruction or abuse of hardware, public software, or reference material are clearly beyond the limits of proper behavior. The following violations of the property of other individuals, however, are as serious.

1. Unauthorized use of an account number other than your own.
2. Destruction of the files or property of another user.
3. Inspection of files which are neither allotted to your account nor specified as public.
4. Use of another individual's programs and output without his or her permission.

Practices like the following interfere seriously with the use of the system by other individuals, by causing waste, delay and, in some instances, harassment. For that reason, they are also considered serious offenses.

5. Using ACF resources for personal profit or for purposes other than those for which the account was issued.
6. Use of the computer for games and other frivolous purposes.
7. Sending obscene or vulgar messages.

ACF accounts -- whether "Class" or "Individual" -- are issued with the understanding that the resources and privileges associated with the account will be used responsibly and with restraint. The ACF intends to treat major infractions with severity. Students who violate ACF rules for computer use will be reported to the appropriate university discipline committee.

* * *

SOME WAYS TO PROTECT YOUR FILES AND ACCOUNTS

If their accounts and files are to be protected against abuse or inspection, ACF users must employ the security measures available to them and avoid foolish risks. Here are some of the "do's" and "don'ts" of account security.

1. Change your password regularly, and never use a password that is easily guessed.

   Each ACF account is issued with a password. That password should be changed by the user as soon as possible -- optimally, after the very first login to the system. After that, change it frequently. An article in the last issue of the Newsletter contained suggestions for astute selection of a password. Procedures for changing passwords differ from one ACF system to another, but they are all rather simple. In each case, typing a command will initiate a procedure which will prompt you for the information needed to change your password. On the CYBER, type "passwor"; on the IBM WYLBUR system, "set keyword"; and on the VAX, "set password". Each system's "help" utility will provide further information, if needed.

2. Make sure that you have specified that your files have the degree of privacy which you feel is necessary.

   Commands for changing the protection status (accessibility) of your files differ among the ACF systems, but are not difficult to master. For example, on the CYBER, files are private ("pr") by default: other users logged in under their own accounts can neither read nor change them. You can use the command "PERMIT" to make particular files accessible to specific users, or "CHANGE" to make a file readable -- semi-private or "spriv" -- to all. It is also possible to define file-specific passwords. These are passwords which a user must provide in order to gain access to a particular file. Thus, you could keep a file private, allowing only a few users access to it, limit the type of access which they could have, and require that they know a file-specific password (which you could change at will) in order to gain access to it. For more about "PERMIT" and "CHANGE", check the CYBER's on-line "help" or the CDC NOS Reference Manual, Vol. 1.

   It is also possible to manipulate a file's protection status on the VAX. For more information, type "help set protection", or see DEC's VAX/VMS Command Language User's Guide. On the IBM WYLBUR system, by default, one user cannot access another user's files, and the degree of protection for a specific file cannot be manipulated.

   As a rule, it is unwise to make a file generally accessible (that is, "public" on the CYBER, or "world-readable" on the VAX). To find out what degree of protection you have given a file, CYBER users should type "CATLIST,LO=F,FN=", and then the permanent file's name; VAX users should type "dir/protection " (or

"dir/full "), followed by the file's name.

3. Never store your password on-line in an unprotected file.

   It is unwise to store your password on-line in a file. This rule includes those files which you submit, from a terminal, to a batch queue (CYBER deferred batch files, for example). If you must store a file containing your password on-line, check the file's protection status: make sure that it cannot be read by other users.

4. Make periodic checks of the amount and kind of usage your account has undergone.

   The ACF sends accounting information monthly to each account's project director. These reports should be inspected regularly for unusual amounts or types of use. In addition, CYBER users will have a detailed report of their accounts' usage displayed at the terminal, upon typing "USRACT". These reports will be updated weekly and should be available by mid-June. Other indications of an accounts' use can be checked by IBM and VAX users. A report of the account's balance is included in the printed output of jobs submitted to the ACF IBM system; and, beginning in late May, the VAX log-in message will include a report of the time and place of the most recent session associated with that account.

5. Never log in at a publicly accessible terminal and then leave it unattended.

   If you must leave your terminal, save your work and log out. If you must stay logged in, ask a neighbor to watch your terminal for you.

6. If you think your account has been violated, report it.

   Contact ACF Accounts Manager Anna Moore (460-7394).

* * *

SUBSYSTEM FOR AUTOMATIC ARCHIVING OF DIRECT ACCESS FILES ON CYBER

The ACF CYBER's operating system software was enhanced, recently, by the addition of an automatic Permanent File Tape Archiving Subsystem, TSS. The new facility is a slightly modified version of the programs used to support CDC's Mass Storage System (MSS). It employs a large pool of tapes for storage, instead of the faster -- but much more expensive -- MSS device. Its purpose is to enable better utilization of on-line storage for active files by allowing the less frequently used files to migrate to the tape pool. Users of the CMCL CDC6600 system may find it analogous to the GETPF/PRGRCHGV/IUPURGE routines, which perform a similar function.

TSS is a fully integrated operating system feature which expands the scope of the NOS permanent file system. It extends the space available for permanent file storage in an hierarchical fashion, and manages the hierarchy so as to maximize efficient usage of the on-line file storage devices. Files migrate to the tape pool whenever disk space drops below a pre-determined minimum and migrate back to disk upon demand. TSS only considers direct access permanent files for migration and employs a selection algorithm based upon such factors as a file's age, activity, and length.

Since TSS is an extension of the regular permanent file system, no special user-interface routines are required. All permanent files belonging to a user will be listed when the CATLIST control statement is executed, whether they reside on disk or have migrated to tape. A modification to that statement has been installed, so that a user who executes it as "CATLIST(LO=F,TY=D,UL=1)" will get a 90-column utility report which includes all residence information. The entry in the "RS" column indicates the file's current residence: "D" for disk, "A" for tape, and "B" if on both disk and tape. Note that, because of its width, the report is not convenient for display on 80-column terminals and should be directed to a file (L=lfn) which may then be ROUTEd to a printer. Typing "CATLIST,LO=F,TY=D" will yield a slightly less detailed, 80-column, report which contains sufficient residence information for most users.

The ATTACH control statement will cause the reloading of files that have migrated to the tape pool. Interactive users will notice a delay of several minutes while the operator retrieves and mounts the appropriate tape, and while TSS reloads the file. If the interactive user aborts the ATTACH, the reload operation will continue independent of user activity, and the user may attach the file subsequently. (TSS accomplishes file reloads by itself, so that a user need not have tape privileges.) A new parameter "RT" has been added to the ATTACH control statement; it permits the interactive user to invoke an independent reload operation for files that are known to be off-line, by entering "ATTACH,lfn=pfn/RT" -- where "lfn" and "pfn" are the local and permanent file names.

Users whose files may remain unaccessed for a long period of time should change the "preferred residence" for the files by including the PR=T parameter on a DEFINE or CHANGE control statement. Disk- resident files with PR=T will be the first candidates for selection the next time on-line mass storage fills up and TSS initiates a migration operation.

The migration process involves copying the selected direct access permanent files to two tapes, in parallel; verifying the tapes against each other; updating the permanent file directories; and releasing the disk space previously occupied by the files. One set of tapes is used for all retrieval operations, while the second set serves as backup. Each tapeset will grow to some maximum number of reels, at which time it will become necessary to start recycling them. A recycling mechanism exists which permits re-use of "old" tapes without the loss of "live" files.

We expect that users will find it much more convenient to let TSS deal with their data storage needs, instead of having to maintain their own set of library tapes (except where really large, tape-resident data collections are involved). We believe that TSS will improve the efficiency of the CYBER's permanent file mechanism significantly, by reducing the cost-per-byte of data storage and by slowing the demand for additional disk drives, as well. These benefits of convenience and efficiency will advance the ACF in its efforts at improving NYU's academic computing environment.

* * *

RENEWAL OF COMPUTER ACCOUNTS FOR THE 1982-83 ACADEMIC YEAR

It is time to consider renewing accounts for the coming academic year. Current accounts on the ACF CYBER, IBM, and VAX will expire on September 6, 1982.

In the coming weeks, renewal request forms will be sent to NYU faculty, along with lists of accounts under their supervision. Graduate students with Individual Accounts should remind their faculty advisors to file for renewal if the accounts will be needed after September 6.

Renewal forms should be filed at the earliest possible date, preferably during the summer, before the fall "crush" begins.

* * *

Comments Invited

We are thinking of including letters submitted by readers in the Fall issue of the Newsletter. If you have any comments, suggestions, or queries, please mail them to Estelle Hochberg, Editor, ACF/NYU Newsletter, 251 Mercer Street, New York, N.Y. 10012. Please mark the letter "For Inclusion In Newsletter". All letters will be read. Those of general interest will be considered for publication.

ACADEMIC COMPUTING FACILITY
Courant Institute of Mathematical Sciences
New York University
251 Mercer Street
New York, N. Y. 10012

Director: Professor Max Goldstein
Assistant Directors: Ed Franceschini, Terry Moore
Accounts Manager: Anna Moore
Newsletter Editor: Estelle Hochberg

Key WWH: Warren Weaver Hall; 14 WPL: 14 Washington Place; TH: Tisch Hall.

SUMMARY OF ACCESS TO NYU/ACF COMPUTING SYSTEMS

Means	Location	System	Notes, and Usage Restrictions
Card Submission			
	TH LC-8	IBM,CYBER	
	WWH 311	CYBER	Faculty, researchers only
Interactive Terminals			
Hardwired	TH LC-8	IBM	Student I/O via WIDJETS only *
	14 Washington Place	CYBER	Limited access to other systems
	TH LC-14	All	About one-half are for HP-2000
	TH UC-49	All	Limited to BPA use
	Bobst (B-level)	All	No consultation or hard copy
	WWH 317, 318	All	Faculty, research users only
Dial-in	From 598 exchange	All	Dial extension 7001 **
		All	Dial extension 4141 **, +
		IBM	Dial extension 7911
	From 460 exchange	All	Dial extension 7381 **
	From 285 exchange	All	Dial extension 6272 **
	From off campus	All	Dial 777-7600 **

* "WIDJETS" is a terminal-oriented job creation, editing, and submittal system. There are 28 WIDJETS terminals in Tisch Hall LC-8. Accounts are available from the site manager.

** Strike "return" to activate computer selection. Select system. Then "return" to initiate log-in on CYBER and VAX; "shift-P, return" on IBM.

+ 4141 will access the MICOM only if dialed from a 598 number within N.Y.U.

INFORMATION AND DIRECTORY

Accounts 305 WWH, Mon - Fri, 9 a.m. to 5 p.m., 460-7427

Administration and General Information
305 WWH, Mon - Fri, 9 a.m. to 5 p.m., 460-7427

Dial-Up Numbers (See previous page for further details.)

From:	System:	Use:	
Off campus	All	777-7600	
598 Centrex	All	7001	
	All	4141	(from NYU ONLY)
	IBM	7911	
460 "	All	7381	
285 "	All	6272	

Documentation

ACF/NYU Newsletter is mailed to holders of Individual Accounts on the CYBER, IBM, or VAX. Inquiries: Estelle Hochberg, 306 WWH.

ACF Introduction and Directory, for holders of Individual Accounts: single copies are available in Rooms LC-11 TH and 305, 306, and 307 WWH.

Bookstore (N.Y.U.), 23 Washington Place, stocks commercially published software manuals. Inquire at information desk, lower level. Computer tapes are sold at stationery counter.

ACF Writeups, CYBER: Use "obtain(writeup=qindex)" for information.
" " IBM: Use "// exec manuals,name=index".
Limited supplies of ACF guides and manuals are also distributed from 14 WPL, operators' desk, Mon - Fri, 9 a.m. to 10 p.m., Sat 9a.m. to 6 p.m.; TH room LC-11, Mon - Sat, 10 a.m. to 5:30, 598-7851.

Multiple Copies of ACF Writeups for Classroom Use: Estelle Hochberg, 306 WWH for CYBER; consultants, LC-11 TH, for IBM. (Please allow about a week. Blank forms for CYBER writeups can be obtained in 306 WWH or LC-11 TH.)

On-Line Help Utilities (CYBER, VAX, IBM WYLBUR): Type "help", strike return key.

On-Line News Bulletins are important sources of information on systems and operations, training sessions, new documentation, user and programming hints, and so on.

CYBER News: Use "obtain(writeup=news)" for time-sharing or batch. Replaced weekly.

IBM News: Updated as needed. Batch, use "// exec ibmnews". WYLBUR, type "help ibmnews", then "list".

VAX BBOARD: Type "bboard"; strike return key to list each message; type "help" for further instructions; type "exit" to quit.

Reference Copies of Manuals: 14 WPL, TH room LC-7, WWH room 317; selected CYBER and VAX manuals are also available at the Bobst Library Reserve Desk (instructor is listed as "Computer"), the CIMS Library, and the Computer Science Department's Help Room (1128 WWH). For CYBER, type "obtain(writeup=reflist)"; for VAX, use "print nyu$lib:vaxman.doc".

(CONTINUED on following page)

Equipment Problems at 14 WPL Site Manager
at TH " " , room LC-7
at WWH Operations Personnel, room 312, or 460-7414
ACF Terminals at Other Locations: 460-7414

Street Addresses Warren Weaver Hall: 251 Mercer Street
Tisch Hall: 40 West 4th Street
Bobst Library: 70 Washington Square South

System Status CYBER, VAX: 460-7285 (recorded message)

Tape Librarian:

CYBER,VAX	460-7155
IBM	598-7901

Tape Purchase:
NYU Bookstore
stationery counter

Tape Questions and Requests:
CYBER,VAX 460-7155 IBM 598-7851

Terminal Problems (ACF equipment only): See Equipment

User Services

Student Advisement
CYBER: 14 WPL CYBER,IBM: TH room LC-7

Consultants
CYBER: TH room LC-11 598-7851 IBM: TH room LC-11 598-7851
WWH room 307 598-3970
460-7398

Hours for Consultants and Student Advisors are posted at 14 WPL, WWH outside room 305, and TH rooms LC-7 and LC-11.

User Work Areas Mon - Fri 9 a.m. to midnight, Sat 9 a.m. to 4:45 p.m. *
(Note: WWH facilities are for faculty and researchers only.)

CYBER: Interactive terminals, self-service printers
14 WPL, TH room LC-14 *, WWH room 317; Bobst B-level *
Card readers TH room LC-8, WWH room 311
Keypunches TH room LC-8, WWH room 309, 310
Output folders (high speed printers)
TH room LC-7, WWH room 312

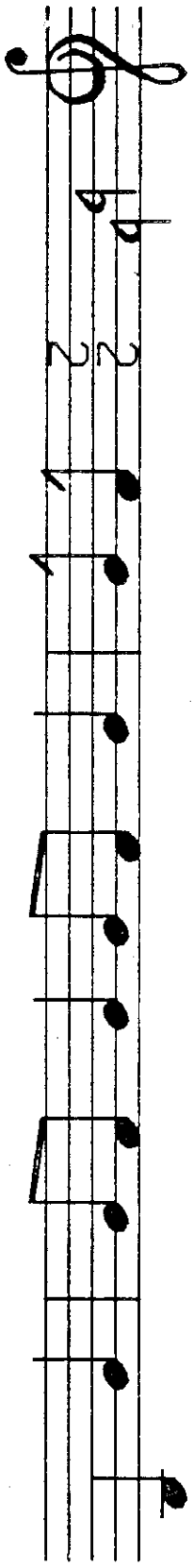
VAX: Interactive terminals, self-service printers
14 WPL, TH room LC-14, WWH room 317; Bobst B-level *
Output folders (main printer) WWH room 312

IBM: Interactive terminals
WYLBUR TH room LC-14, WWH room 317, Bobst B-level *
WIDJETS TH room LC-8
Card reader TH room LC-8
Keypunches TH room LC-8 Output folders TH room LC-7

* The ACF terminals on the B-level of Bobst Library are available during all library and study-hall hours. There are no ACF printers at Bobst, and no self-service printers at Tisch.

Key WWH: Warren Weaver Hall; 14 WPL: 14 Washington Place; TH: Tisch Hall.

Cover: Opening bars of Mozart's G-Minor Symphony, K. 540, plotted at the ACF by Jan LaRue, Prof. of Music, F.A.S., using a program by Donald Byrd of Indiana U. (NEH, RT 20177).



New York University, CIMS
Academic Computing Facility
251 Mercer St.
New York, N.Y. 10012

A C F · N Y U